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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
Zhiyuan Gong *et al.*

Serial No.: 09/913,898

Filed: October 3, 2001

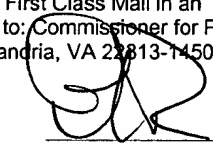
For: CHIMERIC GENE CONSTRUCTS FOR  
GENERATION OF FLUORESCENT  
TRANSGENIC ORNAMENTAL FISH

Group Art Unit: 1632

Examiner: Joseph T. Woitach

Atty. Dkt. No.: GLOF:007US

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May 9, 2003	
Date	David L. Parker

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
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Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed documents required by 37 C.F.R. § 1.98(a)(2) are enclosed for the convenience of the Examiner.

In accordance with 37 C.F.R §§ 1.97(g), (h), this Information Disclosure Statement is not to be construed as a representation that a search has been made, and is not to be construed to be

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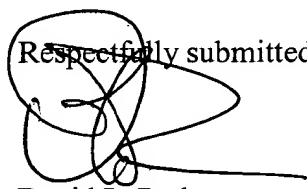
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an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

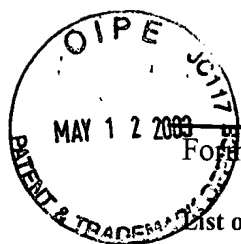
A fee as set forth in 37 C.F.R. § 1.17(p) in the amount of \$180.00 is enclosed herewith. If an appropriate check has not been enclosed, or if it is insufficient, the Commissioner is authorized to deduct the appropriate fee from Fulbright & Jaworski Account No.: 50-1212/GLOF:007US.

Applicants respectfully request that the listed documents be made of record in the present case.

Respectfully submitted,  
  
David L. Parker  
Reg. No. 32,165  
Attorney for Applicants

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Date: May 9, 2003



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## INFORMATION DISCLOSURE STATEMENT

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## U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
	A1	2002/0013955	1/31/02	Ogden <i>et al.</i>	800	20	6/10/98
	A2	6,380,458 B1	4/30/02	Lin	800	20	6/9/97
	A3	6,472,583 B1	10/29/02	Winn	800	3	10/26/99

## Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
	B1	WO 96/03034	2/8/96	PCT			
	B2	WO 98/15627	4/16/98	PCT			
	B3	WO 98/56902	12/17/98	PCT			

## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

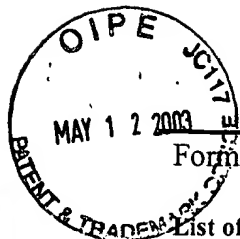
Exam. Init.	Ref. Des.	Citation
	C1	Amsterdam <i>et al.</i> , "Requirements for green fluorescent protein detection in transgenic zebrafish embryos," <i>Gene</i> , 173:99-103, 1996.
	C2	Amsterdam <i>et al.</i> , "The aequorea victoria Green fluorescent protein can be used as a reporter in live zebrafish embryos," <i>Developmental Biology</i> , 171:123-129, 1995.
	C3	Amsterdam <i>et al.</i> , "Transient and transgenic expression of green fluorescent protein (GFP) in living zebrafish embryos," <i>CLONETECHniques</i> , July 1995.
	C4	Argenton <i>et al.</i> , "An activation domain of the helix-loop-helix transcription factor E2A shows cell type preference in vivo in microinjected zebra fish embryos," <i>Mol. Cell. Biol.</i> , 16:1714-1721, 1996.
	C5	Barro <i>et al.</i> , "Induction of a secondary axis in zebrafish by evei gene overexpression," p. 37, <i>Abstracts of papers presented at the 1994 meeting on Zebrafish Development &amp; Genetics</i> , April 27—May 1, 1994.
	C6	Bayer and Campos-Ortega, "A transgene containing lacZ is expressed in primary sensory neurons in zebrafish," <i>Development</i> , 115:421-426, 1992.

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EXAMINER:

DATE CONSIDERED:

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.



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Other Art

See Page 1

## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C7	Bayer <i>et al.</i> , "Functional test of the ependymin promoter by transient expression in zebrafish embryos," <i>The Zebrafish Science Monitor</i> , p. 3, June 1, 1992.
	C8	Brem <i>et al.</i> , "Gene transfer in tilapia ( <i>Oreochromis niloticus</i> )," <i>Aquaculture</i> , 68:209-219, 1988.
	C9	Chalife <i>et al.</i> , "Green fluorescent protein as a marker for gene expression," <i>Science</i> , 263:802-805, 1994.
	C10	Chen and Fishman, "Tinman in zebrafish heart development," p. 135, <i>Abstracts of papers presented at the 1994 meeting on Zebrafish Development &amp; Genetics</i> , April 27—May 1, 1994.
	C11	Chen <i>et al.</i> , "Enhanced viral resistance in transgenic mice expressing the human beta 1 interferon," <i>J. of Virology</i> , 62:3883-3887, 1988.
	C12	Chen <i>et al.</i> , "Isolation and characterization of Tilapia ( <i>Oreochromis mossambicus</i> ) insulin-like growth factors gene and proximal promoter region," <i>DNA and Cell Biology</i> , 17:359-376, 1998.
	C13	Chen <i>et al.</i> , "Isolation of a skeletal muscle specific myosin light chain gene promoter from zebrafish by an improved linker mediated PCR," p. 134, <i>Abstracts of papers presented at the 1994 meeting on Zebrafish Development &amp; Genetics</i> , April 27—May 1, 1994.
	C14	Chourrout <i>et al.</i> , "High efficiency gene transfer in rainbow trout ( <i>salmo gairdneri</i> rich.) by microinjection into egg cytoplasm," <i>Aquaculture</i> , 51:143-150, 1986.
	C15	Codey-Smith <i>et al.</i> , "Production of haploid and diploid androgenotes—genetic implications and utilities," p. 93, <i>Abstracts of papers presented at the 1994 meeting on Zebrafish Development &amp; Genetics</i> , April 27—May 1, 1994.
	C16	Cormack <i>et al.</i> , "FAC optimized mutants of the green fluorescent protein (GFP)," <i>Gene</i> , 173:33-38, 1996.
	C17	Cozzi and White, "The generation of transgenic pigs as potential organ donors for humans," <i>Nature Medicine</i> , 1:964-966, 1995.
	C18	Devlin <i>et al.</i> , "Extraordinary salmon growth," <i>Nature</i> , 371:209-210, 1994.
	C19	Devlin <i>et al.</i> , "Production of germline transgenic Pacific salmonids with dramatically increased growth performance," <i>Can. J. Fish. Aquat. Sci.</i> , 52:1376-1384, 1995.
	C20	Dialog Search Report, pp. 1-10, December 3, 2002.
	C21	Dialog Search Report, pp. 1-15, November 21, 2002.

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## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

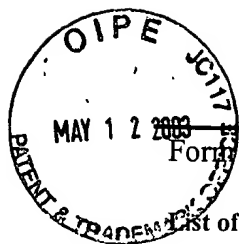
Exam. Init.	Ref. Des.	Citation
	C22	Dialog Search Report, pp. 1-16, November 15, 2002.
	C23	Dialog Search Report, pp. 1-3, November 21, 2002.
	C24	Dialog Search Report, pp. 1-32, November 21, 2002.
	C25	Dialog Search Report, pp. 1-4, November 21, 2002.
	C26	Dialog Search Report, pp. 1-43, December 3, 2002.
	C27	Du <i>et al.</i> , "Growth enhancement in transgenic Atlantic salmon by the use of an 'all fish' chimeric growth hormone gene construct," <i>Bio/Technology</i> , 10:176-181, 1992.
	C28	Du <i>et al.</i> , "Melanocyte formation in zebrafish embryos is perturbed by ectopic expression of dorsalin-1 in the notochord," p. 58, <i>Abstracts of papers presented at the 1994 meeting on Zebrafish Development &amp; Genetics</i> , April 27—May 1, 1994.
	C29	Fahrenkrug <i>et al.</i> , "Dicistronic gene expression in developing zebrafish," <i>Mar. Biotechnol.</i> , 1:552-561, 1999.
	C30	Gibbs <i>et al.</i> , "An in vivo screen for the luciferase transgene in zebrafish," <i>Molecular Marine Biology and Biotechnology</i> , 3:307-316, 1994.
	C31	Gilland <i>et al.</i> , "Imaging of multicellular large-scale rhythmic calcium waves during zebrafish gastrulation," <i>Proc. Natl. Acad. Sci., USA</i> , 96:157-161, 1999.
	C32	Gomez-Chiarri <i>et al.</i> , "Introduction of foreign genes into the tissue of live fish by direct injection and particle bombardment," <i>Diseases of Aquatic Organisms</i> , 27:5-21-96
	C33	Gong <i>et al.</i> , "Rapid identification and isolation of zebrafish cDNA clones," <i>Gene</i> , 201:87-98, 1997.
	C34	Gong <i>et al.</i> , "Tissue distribution of fish antifreeze protein mRNAs," <i>Can. J. Zool.</i> , 70:810-814, 1992.
	C35	Gong, "Trangenic fluorescent fish," <i>Asia-Pacific Biotech News</i> , 2(16):280, 1998.
	C36	Gordon <i>et al.</i> , "Genetic transformation of mouse embryos by microinjection of purified DNA," <i>Proc. Natl. Acad. Sci., USA</i> , 77:7380-7384, 1980.
	C37	Gross <i>et al.</i> , "Molecular analysis and growth evaluation of northern pike ( <i>Esox lucius</i> ) microinjected with growth hormone genes," <i>Aquaculture</i> , 103:253-273, 1992.

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## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

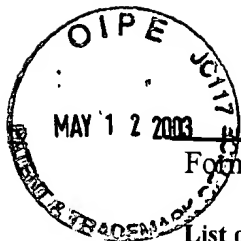
Exam. Init.	Ref. Des.	Citation
	C38	Hackett, "The molecular biology of transgenic fish," <i>Biochemistry and Molecular Biology of Fishes</i> , 2(Chapter 9):207-240, 1993.
	C39	Higashijima <i>et al.</i> , "High-frequency generation of transgenic zebrafish which reliably express GFP in whole muscles or the whole body by using promoters of zebrafish origin," <i>Developmental Biology</i> , 192:289-299, 1997.
	C40	Joore <i>et al.</i> , "Regulation of the zebrafish goosecoid promoter by mesoderm inducing factors and Xwnt1," <i>Mechanisms of Development</i> , 55:3-18, 1996.
	C41	Ju <i>et al.</i> , "Faithful expression of green fluorescent protein (gfp) in transgenic zebrafish embryos under control of zebrafish gene promoters," <i>Developmental Genetics</i> , 25:158-167, 1999.
	C42	Kermekchiev <i>et al.</i> , "Every enhancer works with every promoter for all the combinations tested: could new regulatory pathways evolve by enhancer shuffling?" <i>Gene Expression</i> , 1:71-81, 1991.
	C43	Khoo <i>et al.</i> , "Sperm cells as vectors for introducing foreign DNA into zebrafish," <i>Aquaculture</i> , 107:1-19, 1992.
	C44	Kim <i>et al.</i> , "Neuron-specific expression of a chicken gicerin cDNA in transient transgenic zebrafish," <i>Neurochemical Research</i> , 21:231-237, 1996.
	C45	Kuo <i>et al.</i> , "Determination of a neclin cis-acting element required for neuron specific expression by using zebra fish," <i>Biochem. Biophys. Res. Commun.</i> , 211:438-446, 1995.
	C46	Lathe and Mullins, "Transgenic animals as models for human disease—report of an EC study group," <i>Transgenic Research</i> , 2:286-299, 1993.
	C47	Liao <i>et al.</i> , "An alternative linker-mediated polymerase chain reaction method using a dideoxynucleotide to reduce amplification background," <i>Analytical Biochemistry</i> , 253:137-139, 1997.
	C48	Lin <i>et al.</i> , "lacZ expression in germline transgenic zebrafish can be detected in living embryos," <i>Developmental Biology</i> , 161:77-83, 1994.
	C49	Liu <i>et al.</i> , "Development of expression vectors for transgenic fish," <i>Bio/Technology</i> , 8:1268-1272, 1990.
	C50	Long <i>et al.</i> , "GATA-1 expression pattern can be recapitulated in living transgenic zebrafish using GFP reporter gene," <i>Development</i> , 124:4105-4111, 1997.

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EXAMINER:

DATE CONSIDERED:

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## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C51	Maga and Murray, "Mammary gland expression of transgenes and the potential for altering the properties of milk," <i>Bio/Technology</i> , 13:1452-1457, 1995.
	C52	Malicki <i>et al.</i> , "Genetic analysis of early ear development in zebrafish," p. 59, <i>Abstracts of papers presented at the 1994 meeting on Zebrafish Development &amp; Genetics</i> , April 27—May 1, 1994.
	C53	Meng <i>et al.</i> , "Promoter analysis in living zebrafish embryos identifies a cis-acting motif required for neuronal expression of GATA-2," <i>Proc. Natl. Acad. Sci., USA</i> , 94:6267-6272, 1997.
	C54	Moss <i>et al.</i> , "Green fluorescent protein marks skeletal muscle in murine cell lines and zebrafish," <i>Gene</i> , 173:89-98, 1996.
	C55	Muller <i>et al.</i> , "Activator effect on coinjected enhancers on the muscle-specific expression of promoters in zebrafish embryos," <i>Mol. Reprod. and Develop.</i> , 47:404-412, 1997.
	C56	Muller <i>et al.</i> , "Tissue specific activator effect of enhancers on the expression of minimal promoters in coinjected zebrafish embryos provides a rapid enhancer assay," p. 92, <i>Abstracts of papers presented at the 1994 meeting on Zebrafish Development &amp; Genetics</i> , April 27—May 1, 1994.
	C57	Olson <i>et al.</i> , "Regulation of muscle differentiation by the MEF2 family of MADS box transcription factors," <i>Developmental Biology</i> , 172:2-14, 1995.
	C58	Palmiter <i>et al.</i> , "Dramatic growth of mice that develop from eggs microinjected with metallothionein-growth hormone fusion genes," <i>Nature</i> , 300:611-615, 1982.
	C59	Penman <i>et al.</i> , "Factors affecting survival and integration following microinjection of novel DNA into rainbow trout eggs," <i>Aquaculture</i> , 85:35-50, 1990
	C60	Powers <i>et al.</i> , "Electroporation: a method for transferring genes into the gametes of zebrafish ( <i>Brachydanio rerio</i> ), channel catfish ( <i>Ictalurus punctatus</i> ), and common carp ( <i>Cyprinus carpio</i> )," <i>Mol. Marine Biol. and Biotech.</i> , 1(4/5):301-308, 1992.
	C61	Prasher <i>et al.</i> , "Primary structure of the <i>Aequorea victoria</i> green-fluorescent protein," <i>Gene</i> , 111:229-233, 1992.
	C62	Rinder <i>et al.</i> , "Molecular analysis of the ependymin gene functional test of its promoter region by transient expression in <i>Brachydanio rerio</i> ," <i>DNA and Cell Biology</i> , 11:425-432, 1992.

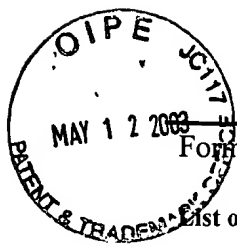
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Other Art

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## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C63	Rossant and Hopkins, "O fin and fur: mutational analysis of vertebrate embryonic development," <i>Genes &amp; Development</i> , 6:1-13, 1992.
	C64	Sambrook <i>et al.</i> , (eds.), <i>Molecular Cloning, a Laboratory Manual</i> , 2 <sup>nd</sup> edition, pp. 9.14-9.23, 1989.
	C65	Schwarz <i>et al.</i> , "Transcription factors controlling muscle-specific gene expression," In: <i>Gene Expression: General and Cell-type-specific</i> , Karin (ed.), Chapter 5: 93-115, Boston: Birkhäuser, c1993.
	C66	Seah, "Making zebra fish that glow in the dark," in the Straits Times, Monday, August 10, 1998.
	C67	Sin <i>et al.</i> , "Gene transfer in chinook salmon ( <i>Oncorhynchus tshawytscha</i> ) by electroporating sperm in the presence of pRSV-lacZ DNA," <i>Aquaculture</i> , 117:57-69, 1993.
	C68	Spaniol <i>et al.</i> , "Using homoologous sequences to produce transgenic zebrafish," p. 208, <i>Abstracts of papers presented at the 1994 meeting on Zebrafish Development &amp; Genetics</i> , April 27—May 1, 1994.
	C69	Stachel <i>et al.</i> , "Molecular analysis of the zebrafish goosecond promoter," p. 36, <i>Abstracts of papers presented at the 1994 meeting on Zebrafish Development &amp; Genetics</i> , April 27—May 1, 1994.
	C70	Stuart <i>et al.</i> , "Replication, integration and stable germ-line transmission of foreign sequences injected into early zebrafish embryos," <i>Development</i> , 103:403-412, 1988.
	C71	Stuart <i>et al.</i> , "Stable lines of transgenic zebrafish exhibit reproducible patterns of transgene expression," <i>Development</i> , 109:577-584, 1990.
	C72	Szelei <i>et al.</i> , "Liposome-mediated gene transfer in fish embryos," <i>Transgenic Research</i> , 3:116-119, 1994.
	C73	Takeuchi <i>et al.</i> , "Green fluorescent protein as a cell-labeling tool and a reporter of gene expression in transgenic rainbow trout," <i>Mar. Biotechnol.</i> , 1:448-457, 1999.
	C74	Talbot <i>et al.</i> , "Towards a molecular analysis of cyclops," p. 209, <i>Abstracts of papers presented at the 1994 meeting on Zebrafish Development &amp; Genetics</i> , April 27—May 1, 1994.
	C75	Thisse <i>et al.</i> , "Structure of the zebrafish snail1 gene and its expression in wild-type, spadetail and no tail mutant embryos," <i>Development</i> , 119:1203-1215, 1993.

25290412.1

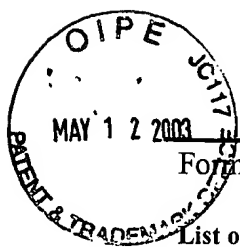
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Other Art

See Page 1

## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C76	Tsai <i>et al.</i> , "Electroporation of sperm to introduce foreign DNA into the genome of loach ( <i>Misgurnus anguillicaudatus</i> )," <i>Can. J. Fish. Aquat. Sci.</i> , 52:776-787, 1995.
	C77	Wakamatsu <i>et al.</i> , "The see-through medaka: a fish model that is transparent throughout life," <i>Proc. Natl. Acad. Sci., USA</i> , 98:10046-10050, 2001.
	C78	Wang and Hazelrigg, "Implications for bcd mRNA localization from spatial distribution of exu protein in <i>Drosophila</i> oogenesis," <i>Nature</i> , 369:400-402, 1994.
	C79	Wang <i>et al.</i> , "Expression of the antifreeze protein gene in transgenic goldfish ( <i>Carassius auratus</i> ) and its implication in cold adaption," <i>Mol. Marine Biol. and Biotechnology</i> , 4:20-26, 1995.
	C80	Wee, "Quantum Nanostructures," in the National University of Singapore Faculty Science Research Newsletter, 2(4):1-2, October 1998.
	C81	Westerfield <i>et al.</i> , "Specific activation of mammalian Hox promoters in mosaic transgenic zebrafish," <i>Genes &amp; Development</i> , 6:591-598, 1992.
	C82	Wright <i>et al.</i> , "High level expression of active human alpha-1-antitrypsin in the milk of transgenic sheep," <i>Bio/Technology</i> , 9:830-834, 1991.
	C83	Xu <i>et al.</i> , "Fast skeletal muscle-specific expression of a zebrafish myosin light chain 2 gene and characterization of its promoter by direct injection into skeletal muscle," <i>DNA and Cell Biology</i> , 18:85-95, 1999.
	C84	Yang <i>et al.</i> , "Optimized codon usage and chromophore mutations provide enhanced sensitivity with the green fluorescent protein," <i>Nucleic Acids Research</i> , 24:4592-4593, 1996.
	C85	Zelenin <i>et al.</i> , "The delivery of foreign genes into fertilized fish eggs using high-velocity microprojectiles," <i>FEBS Letters</i> , 287:118-120, 1991.
	C86	Zhu <i>et al.</i> , "Novel gene transfer into the fertilized eggs of gold fish ( <i>Carassius auratus</i> L. 1758)," <i>Journal of applied ichthyology</i> , 1:31-34, 1985.

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DATE CONSIDERED:

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